

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_34				
Action/Comments					
Inspector Comments: RD 307 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_35				
Action/Comments					
Inspector Comments: The District according to Mr. Pete Dwyer, is part of the Delta Emergency plan where supplies are kept in a central location that they can gain access to if and when needed.					

No Photos

LM Start		Rating **	M	Issue No.	36
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_36				
Action/Comments					
Inspector Comments: RD 307 hasn't been to any recent training classes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	62
LM End	6.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.480023 °	38.429775 °
				-121.549420 °	-121.533370 °
DWR ID	DWR_RD0307_01_f_2015_62				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The RD has done a great job removing unwanted vegetation from the landside levee slope.					

Photo 1 of 1 : FA_2015_RD0307_166_62_20151019_00033.jpg



Looking downstream from levee mile 0.00 land side slope.

LM Start	0.00	Rating **	A	Issue No.	63
LM End	6.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.480023 °	38.429775 °
				-121.549420 °	-121.533370 °
DWR ID	DWR_RD0307_01_f_2015_63				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The RD has contracted for the levee slopes to be cleared of unwanted vegetation from levee mile 0.00 thru 6.65 waterside.					

Photo 1 of 1 : FA_2015_RD0307_166_63_20151019_00032.jpg



Looking downstream from the waterside levee slope levee mile 0.00.

LM Start	1.10	Rating **	M	Issue No.	7
LM End	1.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.472882 °	38.472867 °
				-121.532300 °	-121.531983 °
DWR ID	DWR_RD0307_01_f_2014_7				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Bambo on waterside slope and shoulder, spray after cutting.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	1
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.473059 °	38.473082 °
				-121.530988 °	-121.528437 °
DWR ID					
Action/Comments					
Inspector Comments: 2012 - Bank is slowly eroding, old rock protection starting to unravel. 2015: No observed changes. [2015 Site ID: SAC_48-6_R]					

Photo 1 of 1 : USACE2013A_SAC_48-6_R_4.jpg



USACE 2013 Photo #1

LM Start	1.82	Rating **	M	Issue No.	15
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.473255 °	38.473255 °
				-121.519110 °	-121.519105 °
DWR ID	DWR_RD0307_01_f_2014_15				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.82	Rating **	C	Issue No.	17
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473255 °	38.473255 °
				-121.519105 °	-121.519105 °
DWR ID	DWR_RD0307_01_f_2014_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove this fig tree from the levee slope landward.					

No Photos

* Location		** Rating		+ Issue Type	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.41	Rating **	C	Issue No.	64
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.471183 °	38.470637 °
				-121.508585 °	-121.507718 °
DWR ID	DWR_RD0307_01_f _ 2015_64				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.43	Rating **	C	Issue No.	18
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.471022 °	38.470913 °
				-121.508262 °	-121.508102 °
DWR ID	DWR_RD0307_01_f _ 2015_18				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.82	Rating **	C	Issue No.	19
LM End	2.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.466078 °	38.466078 °
				-121.505525 °	-121.505525 °
DWR ID	DWR_RD0307_01_f _ 2014_19				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

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Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.95	Rating **	C	Issue No.	20
LM End	2.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.464173 °	38.463763 °
				-121.505308 °	-121.505303 °
DWR ID	DWR_RD0307_01_f _ 2014_20				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.95	Rating **	M	Issue No.	65
LM End	2.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.464142 °	38.463803 °
				-121.505340 °	-121.505290 °
DWR ID	DWR_RD0307_01_f _ 2015_65				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	3.44	Rating **	M	Issue No.	21
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.457192 °	38.455917 °
				-121.503923 °	-121.503505 °
DWR ID	DWR_RD0307_01_f _ 2014_21				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

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Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.53	Rating **	M	Issue No.	22
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.455917 °	38.455917 °
				-121.503510 °	-121.503505 °
DWR ID	DWR_RD0307_01_f _ 2014_22				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	3.55	Rating **	M	Issue No.	23
LM End	3.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.455637 °	38.454863 °
				-121.503400 °	-121.503225 °
DWR ID	DWR_RD0307_01_f _ 2014_23				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Remove the fig tree from the levee slope landside levee section.					

No Photos

LM Start	4.12	Rating **	M	Issue No.	25
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.447455 °	38.447323 °
				-121.502772 °	-121.502767 °
DWR ID	DWR_RD0307_01_f _ 2015_25				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the blackberries from the landside levee slope.					

No Photos

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Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.39	Rating **	C	Issue No.	29
LM End	5.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435638 °	38.435610 °
				-121.517148 °	-121.518135 °
DWR ID	DWR_RD0307_01_f _ 2014_29				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	5.39	Rating **	C	Issue No.	67
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435633 °	38.435630 °
				-121.517227 °	-121.518298 °
DWR ID	DWR_RD0307_01_f _ 2015_67				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	5.50	Rating **	M	Issue No.	30
LM End	5.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.435608 °	38.435657 °
				-121.519147 °	-121.519652 °
DWR ID	DWR_RD0307_01_f _ 2014_30				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

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Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.50	Rating **	M	Issue No.	68
LM End	5.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.435640 °	38.435643 °
				-121.519230 °	-121.519565 °
DWR ID	DWR_RD0307_01_f_2015_68				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	6.19	Rating **	M	Issue No.	2
LM End	6.38	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.434560 °	38.432287 °
				-121.531159 °	-121.532978 °
DWR ID					
Action/Comments					
Inspector Comments: 2008 - Large rotational failure in bank and well into the levee slope. Could be a significant problem in the next high flow event. 2009 - Minimal new erosion, site extended upstream. 2010 - Minor new erosion. 2011 - Tree popout has left a large hole. Large slump area. Rock on the bank is failing in some locations. 2012 - The toe appears to be scouring out. 2015: No observed changes. [2015 Site ID: SAC_43-2_R]					

Photo 1 of 1 : USACE2013A_SAC_43-2_R_5.jpg



USACE 2013 Photo #1

LM Start	6.42	Rating **	M	Issue No.	8
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.431726 °	38.429957 °
				-121.533200 °	-121.533035 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail. 2015: No observed changes. [2015 Site ID: SAC_43-1_R]					

Photo 1 of 1 : USACE2013A_SAC_43-1_R_6.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	